

Claims

1. A product comprising an applicator other than a porous or absorbent sheet whereto an aqueous and a lipid phase have been applied and which has been dried.
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2. A product according to claim 1 wherein the melting point or melting range of the lipid phase is above or equal to 25 °C.
3. A product according to claim 1 wherein the melting point or melting range of the
10 lipid phase is in the range of 32 to 40 °C.
4. A product according to any of claims 1 to 3 wherein the lipid phase comprises mono-, di- or triglycerides.
- 15 5. A product according to claim 4 wherein the lipid phase comprises mono-, di- or triglycerides derived from or present in natural oils.
6. A product according to claim 4 wherein the lipid phase comprises fatty acid mono-, di- or triglycerides wherein the fatty acids contain from 12 to 24, preferably
20 from 16 to 20 carbon atoms.
7. A product according to claim 4 wherein the lipid phase comprises triglycerides selected from glyceryl stearate, glyceryl oleate, glyceryl laurate, glyceryl myristate, cocoglycerides, or hydrogenated palm oil glycerides, hydrogenated castor oil, or
25 hydrogenated rapeseed oil.
8. A product according to any of claims 4 to 7 wherein the lipid phase comprises mono-, di- or triglycerides in an amount of at least 50 %, preferably at least 70 %, more preferably at least 90 %, w/w of the total amount of components making up the lipid
30 phase.

9. A product according to any of claims 1 to 3 wherein the lipid phase contains fatty alcohols.

10. A product according to claim 9 wherein the lipid phase contains C₁₂-C₅₀-fatty alcohols, in particular the C₁₂-C₂₄-fatty alcohols.

11. A product according to claim 10 wherein the fatty alcohols are selected from myristyl alcohol, 1-pentadecanol, cetyl alcohol, lauryl alcohol, oleyl alcohol, palmityl alcohol, 1-heptadecanol, stearyl alcohol, cetearyl alcohol, 1-nonadecanol, arachidyl alcohol, 1-heneicosanol, behenyl alcohol, brassidyl alcohol, lignoceryl alcohol, ceryl alcohol or myricyl alcohol and C₁₆/C₁₈-Guerbet alcohols.

12. A product according to any of claims 9 to 11 wherein the fatty alcohols are present in the lipid phase, in an amount relative to the total weight amount of the lipid phase, which is in the range of 1 - 40 %, preferably 1 - 30 % (w/w), more preferably of 1 - 20% (w/w), still more preferably from 1 -10 % (w/w).

13. A product according to any of claims 1 to 3 wherein the lipid phase contains fatty acids.

14. A product according to claim 13 wherein the fatty acids are C₁₄-C₄₀-fatty acids or in particular are C₁₆-C₃₀-fatty acids.

15. A product according to claim 13 wherein the fatty acids are selected from myristic-, pentadecanoic-, palmitic-, margaric-, stearic-, nonadecanoic-, arachic-, behenic-, lignoceric-, cerotic-, melissic-, erucaic-, elaeostearic-, oleic-, linoleic-, lauric acid and hydroxy-substituted fatty acids.

16. A product according to any of claims 13 to 15 wherein the total amount of the fatty acids present in the lipid phase, relative to the total weight amount of the lipid phase, is in the range of 1 - 30 % (w/w), preferably of 1 - 20 % (w/w), more preferably from 1 - 10 % (w/w).

17. A product according to any of claims 1 to 3 wherein the lipid phase contains one or more of components (a), (b), (c), (d), (e) or (f) as defined hereafter:

(a) at least 1 - 50 % (w/w), in particular at least 1 – 10 % of an oily or waxy component

5 (b) 0.1 - 5 % (w/w) of at least one active ingredient

(c) 1 - 10 % (w/w) of at least one oil

(d) 0.1 - 10 % (w/w) of at least one emulsifier

(e) 5 - 90 % (w/w) of further waxy components

(f) 0 - 5 % (w/w) water.

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18. A product according to claim 17 wherein the lipid phase contains all components (a)-(f).

19. A product according to claim 17 or 18 wherein component (a) is an oily or waxy component selected from C₁₄-C₃₀-dialkyl ethers, C₁₄-C₃₀-dialkyl carbonates, C₄-C₃₄-dicarboxylic acids or C₁₂-C₃₀-hydroxyfatty alcohols or mixtures thereof.

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20. A product according to any of claims 1 to 3 wherein the lipid phase contains dialkyl(ene) ethers or –carbonates, dicarboxylic acids or hydroxy fatty alcohols, or a combination thereof.

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21. A product according to any of claims 1 to 20 wherein the lipid or the aqueous phase contains one or more active substances.

22. A product according to claim 21 wherein the active substance(s) is or are anti-microbials, e.g. anti-bacterials and antifungals, anti-inflammatory agents, anti-irritating, anti-itching, anti-perspirant agents.

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23. A product according to any of claims 1 to 20 wherein the lipid or the aqueous phase contains at least one moisturizer, deodorant, skin caring ingredient, plant extract, vitamin, perfume oil, dye, sunscreen filter, hydrotrope or self-tanning agent.

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24. A product according to any of claims 1 to 20, wherein the lipid or the aqueous phase contains at least one emulsifier.

25 A product according to any of claims 1 to 20, wherein the lipid phase contains at least one superfatting agent, thickener, cationic polymer, anionic polymer, zwitterionic polymer, amphoteric polymer, consistency agent, anti-oxidant.

26. A product according to any of claims 1 to 20 wherein the lipid or the aqueous phase contains an insect repellent, a sunscreen filter, a powder or a peeling agent.

27. A product according to any of claims 1 to 26 which is a puff (pouf), pad, sponge, cotton bal, swab, brush, glove, mitt or bar.

28. A product according to claim 27 wherein puff or pad, a sponge or a bar is wrapped in a layered material.

29. A method of manufacturing a product as claimed in any of claims 1 to 28 said method comprising contacting the applicator with a lipid phase and with an aqueous phase, either subsequently or simultaneously and further comprising an additional drying step.

30. A method according to claim 29 wherein a lipid phase having a melting point or a melting range of above room temperature is first applied to the surface of the applicator and subsequently an aqueous phase is applied.

31. A method according to claim 29 wherein the aqueous phase is applied by spraying, dripping, immersing or running through a bath, and the lipid phase is applied by spraying, contacting, printing or a direct contact process where there is a direct contact between the applicator and an application head having slit nozzles.

32. A method according to claim 31 wherein the drying step takes place after the aqueous phase has been applied.

33. A method according to any of claims 29 to 32 wherein the drying step comprises the application of hot air, or by leading the wet sheet through an oven or over an heated or warmed transport roll.

- 5 34. Use of a product as claimed in any of claims 1 to 28 as a combined cleanser and applicator of active substances.